
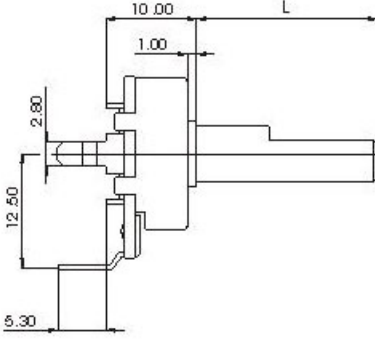
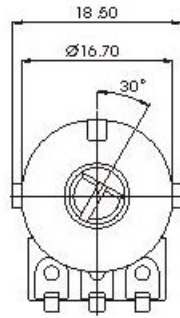
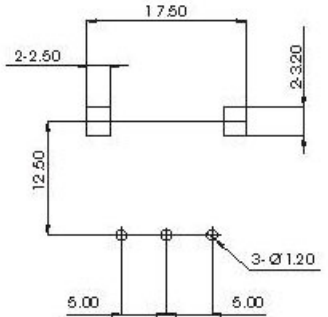
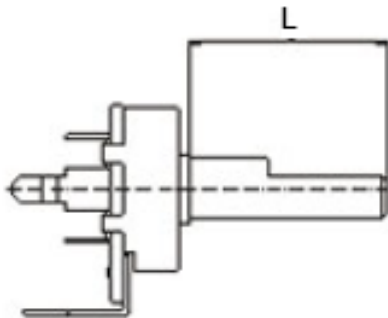


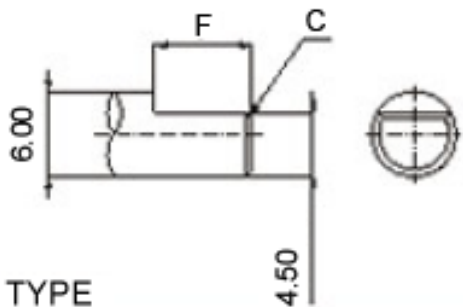
Model	Dimensions
R1640TNAD1103B	   <p>shaft shown in full CC.W. position</p> 

Type of Shaft & Dimensions

INSULATED SHAFT



A side view of an insulated shaft assembly. The shaft is shown with a central section of length 'L' that is wider than the ends. The ends of the shaft are tapered and have a series of small, rectangular protrusions or fins. A dashed line indicates the central axis of the shaft.

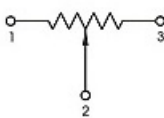


A cross-section and side view of the shaft. The cross-section on the right shows a circular shaft with a central hole. The side view on the left shows the shaft with a diameter of 6.00. A feature 'F' is shown as a rectangular block on the shaft. A feature 'C' is shown as a small rectangular block on the shaft. The distance from the center of the shaft to the center of feature 'C' is 4.50.

F TYPE

X	A
L	15
F	12
C	0.5

Circuit Type

Code	N
	Single Gang
	

Characteristics

Model	R16
Total Resistance	5K Ω ~ 2M Ω
Total resistance tolerance	$\pm 20\%$ (more than 1M Ω $\pm 30\%$)
Rated Power	Curve B: 0.01W other than curve B: 0.05W
Max. operating voltage (AC V)	Curve B :100V Other than curve B: 50V
Resistance taper	A, B, C, W
Residual resistance	R \geq 250K Ω 0.1% max. of total resistance 250K Ω > R > 10 Ω 20 Ω max 10K Ω \geq R 10 Ω max..
Insulation resistance	more than 100M Ω at DC 250V
Withstand voltage	for 1 minute or more at DC 250V
Total rotational angle	300° \pm 5°
Rotational torque	2~15mN.m (20~150gf.cm)
Rotation stopper strenght	0.6N.m (6kgf-cm)
Push pull strenght	50N (5kgf)
Rotary life	15,000 cycles